

In the Claims:

This listing of claims will replace all prior versions and listings of claims in this application.

1 (Currently amended). A process for preparing an elastic fiber, comprising the steps of: adding from 1 to 20% by weight of a cellulose acetate to a polyurethane or polyurethaneurea solution, based on the total weight of the polyurethane or polyurethaneurea, and homogeneously stirring the mixture to obtain a spinning solution;

ripening the spinning solution; and

spinning the ripened solution;

wherein after the addition of the cellulose acetate, the homogeneous stirring is carried out for at least 2 hours, and the spinning solution is ripened by allowing it to stand at a temperature of 30 °C to 70 °C for 28 to 38 hours;

and wherein the elastic fiber has high modulus, alkali resistance, and heat resistance.

2 (Previously presented). The process according to claim 1, wherein the cellulose acetate is cellulose diacetate or cellulose triacetate having a degree of acetylation of from 28 to 72%.

3 (Previously presented). The process according to claim 1, wherein the polyurethane or polyurethaneurea solution is obtained by reacting an organic diisocyanate with a polymeric diol to form a polyurethane precursor, dissolving the polyurethane precursor in an organic solvent, and reacting the precursor solution with a diamine and a monoamine sequentially.

4 (Original). The process according to claim 3, wherein the organic diisocyanate is selected from the group consisting of diphenylmethane-4,4'-diisocyanate, hexamethylenediisocyanate, toluenediisocyanate, butylenediisocyanate, and hydrogenated p,p-methylenediisocyanate; the polymeric diol is selected from the group consisting of polytetramethyleneether glycol, polypropyleneglycol, and polycarbonatediol; the diamine is selected from the group consisting of ethylenediamine, propylenediamine, and hydrazine; and the monoamine is selected from the group consisting of diethylamine, monoethanolamine, and dimethylamine; and the organic solvent is selected from the group consisting of N,N' – dimethylformamide, N,N' – dimethylacetamide, and dimethylsulfoxide.

5 (Previously presented). The process according to claim 1, wherein the spinning solution further contains at least one additive selected from dulling agents, UV stabilizers, antioxidants, NO_x gas anti-yellowing agents, anti-adhesion agents, dyeing promoters, and anti-chlorine agents.

6 (Canceled).

7 (Currently amended). An elastic fiber prepared by a process comprising the steps of:
adding from 1 to 20% by weight of a cellulose acetate to a polyurethane or polyurethaneurea solution, based on the total weight of the polyurethane or polyurethaneurea, and homogeneously stirring the mixture to obtain a spinning solution;
ripening the spinning solution; and
spinning the ripened solution;
wherein after the addition of the cellulose acetate, the homogeneous stirring is carried out for at least 2 hours, and the spinning solution is ripened by allowing it to stand at a temperature of 30 °C to 70 °C for 28 to 38 hours;
and wherein the elastic fiber has high modulus, alkali resistance, and heat resistance.

8 (Currently amended). A velvet fabric manufactured using an elastic fiber prepared by a process comprising the steps of:

adding from 1 to 20% by weight of a cellulose acetate to a polyurethane or polyurethaneurea solution, based on the total weight of the polyurethane or polyurethaneurea, and homogeneously stirring the mixture to obtain a spinning solution;

ripening the spinning solution; and

spinning the ripened solution;

wherein after the addition of the cellulose acetate, the homogeneous stirring is carried out for at least 2 hours, and the spinning solution is ripened by allowing it to stand at a temperature of 30 °C to 70 °C for 28 to 38 hours;

and wherein the elastic fiber has high modulus, alkali resistance, and heat resistance.